

## EAST Search History

| Ref # | Hits | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|------|---|--|------------------|---------|------------------|
| S1    | 330  | 381/330.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/07/25 09:40 |
| S3    | 649  | 381/328.ccls. not (381/330.ccls.)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/07/26 11:30 |
| S4    | 26   | 381/325.ccls. not (381/328.ccls. 381/330.ccls.)                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/07/26 11:43 |
| S5    | 142  | 381/324.ccls. not (381/325.ccls. 381/328.ccls. 381/330.ccls.)               | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/07/26 12:02 |
| S6    | 317  | 381/322.ccls. not (381/324.ccls. 381/325.ccls. 381/328.ccls. 381/330.ccls.) | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/07/26 12:02 |

# EAST Search History

|    |     |   |  |    |    |                  |
|----|-----|---|--|----|----|------------------|
| S7 | 582 | ("0789876"   "1753817"   "1830198"   "20010017230"  <br>"20020025055"   "20030051939"   "20060045297"   "2266669"  <br>"2390794"   "2430229"   "2474135"   "2485405"   "2545731"  <br>"2803308"   "2894076"   "2896024"   "2920138"   "2930858"  <br>"2939923"   "2971065"   "2972018"   "3019306"   "3047089"  <br>"3061689"   "3125646"   "3138491"   "3157245"   "3169600"  <br>"3170046"   "3183312"   "3257516"   "3312789"   "3408461"  <br>"3414685"   "3415246"   "3448224"   "3458668"   "3475566"  <br>"3491214"   "3504120"   "3509289"   "3513269"   "3527901"  <br>"3529102"   "3534183"   "3539032"   "3671685"   "3702123"  <br>"3712962"   "3748390"   "3749853"   "3757789"   "3770911"  <br>"3783864"   "3784750"   "3787643"   "3789164"   "3810073"  <br>"3811437"   "3812300"   "3813499"   "3819860"   "3822707"  <br>"3836732"   "3852540"   "3869584"   "3875349"   "3882848"  <br>"3894195"   "3894196"   "3895627"   "3901215"   "3906478"  <br>"3909556"   "3921756"   "3930560"   "3935398"   "3946168"  <br>"3970862"   "4006321"   "4006796"   "4010820"   "4021611"  <br>"4027678"   "4069400"   "4087631"   "4112953"   "4142072"  <br>"4143244"   "4170720"   "4181818"   "4183010"   "4202592"  <br>"4253452"   "4267410"   "4289938"   "4311206"   "4329544"  <br>"4354065"   "4357497"   "4366349"   "4375016"   "4381830"  <br>"4392547"   "4407389"   "4428377"   "4447677"   "4449018"  <br>"4466690"   "4469104"   "4495637"   "4498461"   "4515169"  <br>"4517415"   "4520236"   "4529058"   "4531229"   "4532649"  <br>"4532930"   "4536844"   "4539440"   "4548082"   "4552137").<br>PN. OR ("4556069"   "4565904"   "4589128"   "4592087"  <br>"4607720"   "4617429"   "4625326"   "4638125"   "4646872"  <br>"4672569"   "4677675"   "4677679"   "4679650"   "4680799"  <br>"4689819"   "4696287"   "4722556"   "4724922"   "4727582"  <br>"4729366"   "4731850"   "4739512"   "4751738"   "4756312"  <br>"4763753"   "4773095"   "4781196"   "4791673"   "4850962"  <br>"4852177"   "4852683"   "4864610"   "4864619"   "4868880"  <br>"4870688"   "4880076"   "4887299"   "4893344"   "4934366"  <br>"4937876"   "4941180"   "4947439"   "4972468"   "5002151"  <br>"5015224"   "5031219"   "5046102"   "5056204"   "5062138"  <br>"5082453"   "5099856"   "5113967"   "5128566"   "5131046"  <br>"5144675"   "5185802"   "5193116"   "5201007"   "5201008"  <br>"5204917"   "5220918"   "5222050"   "5222151"   "5282858"  <br>"5324311"   "5390254"   "5456654"   "5487012"   "5554096"  <br>"5558618"   "5595496"   "5603726"   "5618206"   "5624376"  <br>"5654530"   "5666958"   "5683270"   "5687242"   "5692926"  <br>"5720631"   "5730628"   "5742692"   "5748743"   "5784471"  <br>"5814095"   "5824022"   "5824968"   "5897486"   "5920636"  <br>"6041128"   "6072885"   "6075867"   "6137889"   "6167141"  <br>"6205227"   "6216040"   "6259951"   "6310961"   "6389143"  <br>"6522764"   "6532299"   "6533062"   "6931140"   "7088839"  <br>"Re26258"   "Re29487").PN. OR ("2002/0025055"  <br>"2002/0076075"   "2003/0133583"   "2004/0215053"  <br>"2004/0258263"   "2004/0264723"   "2005/0123163"  <br>"2005/0254666"   "2006/0083398"   "2006/0104467"  <br>"2006/0133631"   "2007/0036378"   "2007/0036381"  <br>"2430229"   "3101155"   "3118023"   "3368644"   "3491214"  <br>"4051330"   "4090040"   "4407389"   "4440982"   "4456795"  <br>"4620605"   "4677679"   "4702345"   "4706778"   "4739512"  <br>"4880076"   "4977976"   "5002151"   "5412736"   "5434924"  <br>"5701348"   "6039685"   "6129174"   "6505076"   "6658125"  <br>"6700983"   "6748093"   "7194102"   "7236605"   "RE38351").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2007/07/26 12:31 |
| S8 | 275 | S7 and tube   | US-PGPUB;<br>USPAT;<br>USOCR   | OR | ON | 2007/07/26 12:31 |
| S9 | 21  | "4228327"   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/26 14:14 |

## EAST Search History

|     |      |                          |  |    |    |                  |
|-----|------|--------------------------|--|----|----|------------------|
| S10 | 1    | jp401171398A             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/26 14:19 |
| S11 | 1284 | \$speaker\$1 and bellow  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/26 14:20 |
| S12 | 320  | \$speaker\$1 same bellow | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/07/26 14:20 |